

# Converting Colors

Android(4292214826)

Have a look what the booklet for  
Android(4292214826) contains.

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# Color

**Android(4292214826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6002A
RGB	214, 0, 42
RGB Percent	84%, 0%, 16%
CMY	0.1608, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.80, 0.16
HSL	348°, 100%, 42%
HSV	348°, 100%, 84%
XYZ	28.1495, 14.4633, 3.4985
YIQ	68.7740, 114.0620, 58.4300

# Conversions

## Conversions Part 2

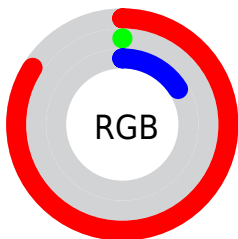
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	214, 0, 42
Decimal	14024746
CIELab	44.89, 70.83, 41.40
CIElCh	45, 82.038, 30.308
Yxy	14.4633, 0.6105, 0.3137
Android (android.graphics.Color)	4292214826 (0xFFD6002A)
YUV	68.7740, -13.1996, 127.3632
Hunter-Lab	38.0307, 65.5682, 21.1672

# Details

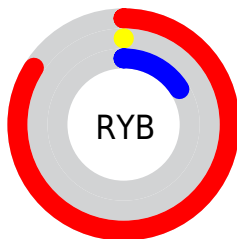
The Android color **4292214826** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278245036**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4294924376**, and **4288020480** is the 20% darker color. If you saturate the color by 10%, you get **4292214826**, and if you desaturate by 10%, it is **4292220219**.

# Distribution



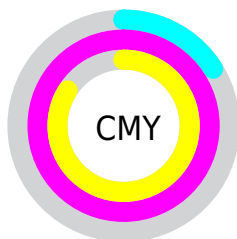
- Red (84%)
- Green (0%)
- Blue (16%)



- Red (84%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292214826 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4292214826 by changing the saturation by 10% instead.



 4292214826

 4292214826

4294967295

 4290117653

 4294924376

 4288020480

 4294932081

 4285923328

 4294939786

 4283891714

 4294947237

 4281925634

 4294954944

 4279107584

 4294962652

 4278190080

 4294967289

 4292214826

 4292220219

 4292225868

 4292231262

 4292236911

 4292242304

 4292247697

 4292253346

 4292258740

 4292264389

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4292542573



4292214826



4290070784

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4292214826



4278223132



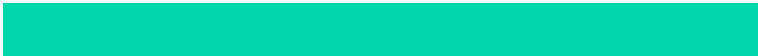
4278220022

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4292214826



4278245036

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278223586



4292214826



4278224233

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292214826



4281956608



4278224558



4284045282

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292214826



4287913984



4278224558



4278221556



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4292214826



4294947778



4289396950



4286599771



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292214826



4294901810



4292231168



4285227106



4289396770



4281008137



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292214826



4294901810



4278228694



4285227106



4289396770



4281008137



# Previews

## White Background



This preview shows how the Android color 4292214826 looks on a white background.

## Color Contrast Check

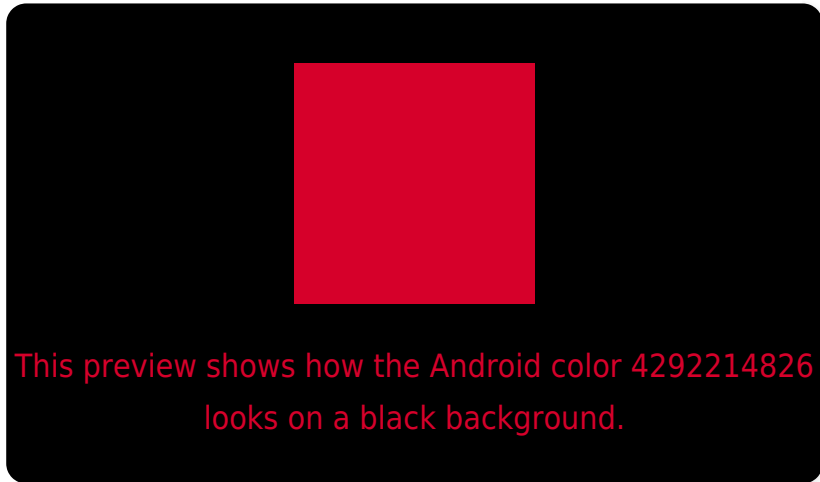
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292214826 Background



This preview shows how black text looks on a background with the Android color 4292214826.



This preview shows how white text looks on a background with the Android color 4292214826.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4292214826

**Protanopia**  
4286016577

**Deuteranopia**  
4287129370



# Trichromacy



**Original Color**  
4292214826

**Protanomaly**  
4288300345

**Deuteranomaly**  
4288954912

**Tritanomaly**  
4292152335

# Monochromacy



**Original Color**  
4292214826

**Achromatopsia**  
4282729797

**Achromatomaly**  
4286196795

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292214826 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 42)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 42) }
```

## Border

The CSS property to change the border of an element to Android 4292214826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 0, 42) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 0, 42) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 0, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 42)  
}
```

# Background

The CSS property to change the background color of an element to Android 4292214826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 42) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214, 0,  
42) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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